

Work Order ID 61972

Monday, September 13, 2010 11:29:51 AM



Page 1

Item ID: D119-675-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Maintenance Step

Start Date: 9/13/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 9/20/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: *[Signature]*

Date: 10-9-13

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9510	A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD119-675-013 CHG001

S. 10/10/12

HJ for BG 10-10-28

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

colube 40 SP

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

S. 10/10/12

(x4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 61972

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Item ID: D119-675-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Maintenance Step

Start Date: 9/13/2010 Start Qty: 4.00

Cust Item ID:

Required Date: 9/20/2010 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging	Package as per PPPD119-675-013								
140	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

Cecilia (4)

10/10/01

10-10-29 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, September 13, 2010 11:29:55 AM

Page 1

Work Order ID: 61972

Parent Item: D119-675-013

Parent Item Name: Maintenance Step



Start Date: 9/13/2010

Required Date: 9/20/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-09-07 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4084-1 Maintenance Step		Manufactured	No			100	Each	0.0000	2	18			
AN5-7A Bolt		Purchased	No			100	Each	180.0000	4	16			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST337		180							
				113149		180							
AN5-11A Bolt		Purchased	No			100	Each	146.0000	4	16			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST337		21							
				112314		1							
				115016		20							
				ST338		125							
NAS1149D0563J Washer		Purchased	No			100	Each	2,283.000	8	32			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST298		2283							
				113524		2							
				114742		2281							

B61973 10/10/2010

M115936 10/10/2010

M115374 10/10/2010

10/10/2010

32

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D119-675 REV. B AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D119-675 REV. 1
REF. FAA STC: SR00948SE & EASA STC EASA.IM.R.S.01458

REFERENCE ONLY

INTRODUCTION

The purpose of this DSI (Dart Service Instruction) is to introduce the new D119-675-013 Maintenance Step Kit which consists of 2 maintenance step/tiedown brackets that are attached to the existing shipping hardpoints at STA 130 (3310mm) and WL 58 (1475mm). The D119-675-013 kit increases the area of the existing maintenance step for improved security and provides an additional tie down point for the aircraft.

INSTALLATION

Install D119-675-013 Maintenance Step at the location shown in Figure 1, using (4) AN5 bolts. Apply a layer of Proseal 890 or MIL-S-8802 class B2 sealant between D4084-1 and aircraft skin. Torque bolts to 100-140 in-lb (11.3-15.8 Nm).

WEIGHT AND BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-675-013 MAINTENANCE STEP KIT	1.06 lb 0.48 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+ 130.3 in + 3.31 m	+ 138.1 in-lb + 1.59 m-kg

PARTS LIST

ITEM	QTY -013	PART NUMBER	DESCRIPTION
	X	D119-675-013	MAINTENANCE STEP KIT
1	2	D4084-1	MAINTENANCE STEP
2	4	AN5-7A	BOLT
3	4	AN5-11A	BOLT
4	8	NAS1149D0563J	WASHER (OR AN960JD516)

A	NEW ISSUE	RF	10.04.12
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>N/A</i>	DSI 9510	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	STEP/TIEDOWN KIT	NTS
DATE	10.04.12	<small>COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	